

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claims 1-30 (canceled).

Claim 31 (original): A multilayered structure comprising:  
a cup-shaped element defining an interior volume; and  
a core located in the interior volume and separated from but surrounded by a first wall of the cup-shaped element, one end of the core facing a second wall of the cup-shaped element;  
wherein said second wall is transverse to and connected to said first wall.

Claim 32 (original): The device of claim 31 further comprising:  
an electrode separated from each of the core and the cup-shaped element, the electrode facing another end of the core.

Claim 33 (original): The device of claim 32 wherein:  
the electrode and the cup-shaped element substantially enclose the core.

Claim 34 (original): The device of claim 32 further comprising:  
a dielectric element formed of a semiconductor material and located between the core and the electrode.

Claim 35 (original): The device of claim 31 further comprising:  
a dielectric element formed of a semiconductor material and located between the cup-shaped element and the core.

Claims 36-51 (canceled).

Claim 52 (new): The device of Claim 32 further comprising:  
a ferroelectric material located in a hole in said core.